## Chrysothamnus eremobius L. C. Anderson (1983)

## REMOTE RABBITBRUSH

**FAMILY:** *Asteraceae*, the sunflower family.

SYNONYMS: Ericameria eremobia

**STATUS:** 

Heritage Program SENSITIVE LIST, ranks: G1 S1

USFWS/ESA: species of concern. STATE OF NEVADA: none. BLM: Special Status Species. USFS: none.

NNNPS: watch list.

**POPULATION CENSUS: 3 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **4 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 131+**, total estimated **area unknown**. **TREND:** unknown.

IMPACTS AND MAJOR THREATS: No summary available (see references).

**INVENTORY EFFORT:** Some targeted surveys have been conducted, but more potential habitat likely remains unexamined. Most recent entered survey 1993, average year of last survey 1984.

Years since last entered survey (percent of mapped records at various survey ages): 6-10 yrs: 25%; 11-20 yrs: 50%; 21-30 yrs: 25%.

LAND MANAGEMENT in decreasing predominance: U. S. Fish and Wildlife Service, U. S. Department of Defense.

**RANGE:** Clark and Lincoln counties, Nevada. Known only from the Sheep and Pintwater ranges. **Nevada endemic.**Maximum **range dimension 42.1 km (26.1 mi)** excluding most disjunct record. **Type specimen** collected in Clark County.

**ELEVATIONS RECORDED:** 4850-6400 feet (1478-1951 meters).

**HABITAT:** Crevices or rubble of north-facing carbonate cliffs in and just below the pinyon-juniper-Artemisia zone with Cercocarpus intricatus, Hecastocleis shockleyi, Rhus trilobata, Petradoria, etc.

PHENOLOGY: flowering summer to early-fall. Range of most frequent survey months: August-October.

LIFE-FORM AND HABIT: subshrub.

**DESCRIPTION:** A low shrub, up to 4 dm tall, dying back to within about 2 dm to the ground each year. Clusters of yellow flower heads bloom atop the stems in August and September.

PHOTOGRAPHS: Knight and Smith (1994), Knight et al. (1997); Nevada Natural Heritage Program files.

ILLUSTRATIONS: Anderson (1983), Cronquist (1994).

**OTHER GENERAL REFERENCES** (listed separately): Ackerman (1981).

**SPECIFIC REFERENCES:** 

Anderson, L. C. 1983. Chrysothamnus eremobius (Asteraceae): a new species from Nevada. Brittonia 35: 23-27. Anderson, L. C. 1995. The Chrysothamnus-Ericameria connection (Asteraceae). Great Basin Naturalist 55: 84-88. Nesom, G. L. and G. I. Baird. 1995. Comments on "The Chrysothamnus-Ericameria Connection." Phytologia 78: 61-65.